

# Comparisons of Job Characteristics

**Focus Occupation: Dental Laboratory Technicians (51-9081)**

**Associated Occupation: Dental Assistants (31-9091)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 62

**Focus Occupation: Dental Laboratory Technicians (51-9081)**

**Associated Occupation: Dental Assistants (31-9091)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Customer and Personal Service	11.3	15.9	10.4	<< Extensive education and/or training may be required
Medicine and Dentistry	3.7	15.5	11.5	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 64

**Focus Occupation: Dental Laboratory Technicians (51-9081)**

**Associated Occupation: Dental Assistants (31-9091)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Service Orientation	7.9	9.3	4.4	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 81

**Focus Occupation: Dental Laboratory Technicians (51-9081)**

**Associated Occupation: Dental Assistants (31-9091)**

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
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Arm-Hand Steadiness	6.8	10.2	12.0	>	Current ability level is likely sufficient
Finger Dexterity	7.6	9.6	14.1	>>	Current ability level is likely more than sufficient
Control Precision	6.6	9.0	12.6	>>	Current ability level is likely more than sufficient
Manual Dexterity	6.5	8.4	9.2	0	Current ability level may be sufficient
Extent Flexibility	4.8	7.3	1.5	<<	Extensive improvement in abilities may be required
Gross Body Coordination	3.9	5.4	1.0	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

There are no common work activities.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 84

**Focus Occupation: Dental Laboratory Technicians (51-9081)**  
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Tools and Technologies	Exclusivity
Autoclave and sterilizer equipment and accessories	12
Business function specific software	1
Compressors	9
Computers	1
Content authoring and editing software	1
Cosmetic dentistry equipment and supplies	56
Dental and subspecialty instruments and devices	37
Dental fillers and finishing and polishing supplies	47
Dental impression and forming equipment and supplies	56
Dental laboratory and sterilization equipment and supplies	62
Dental lasers and illumination and fiber optic equipment and supplies	62
Dental materials	70
Finance accounting and enterprise resource planning ERP software	2
Information exchange software	1
Network applications software	1
Orthodontic and prosthodontic equipment and supplies	62
Presterilization cleaning equipment and solutions	24

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.